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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

First Named Inventor **Group Art Unit** Examiner Name

Application Number

Filing Date

YOUNG H. KIM 1752 Walke

November 14, 2003

10/713,606

(Use as many sheets as necessary)

Sheet

CL-2229 US NA Attorney Docket Number

				U.S. PAT	ENT DOCUMENTS	
Examiner Initials *	1		ocument Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AC\	N/1 US-		6,060,841	05-09-2000	Niiyama	
	2	US-	6,811,950	11-02-2004	Kondo	
	3	US-	5,942,367	08-24-1999	SATOSHI WATANABE ET. AL.	
	4	US-	6,534,671 B2	03-18-2003	CHENGJIU WU ET. AL.	<u>, </u>
	5	US-	6,653,043 B1	11-25-2003	MAKOTO HANOBATA	
	6	US-	6,534,235 B1	03-18-2003	MAKOTO HANOBATA ET. AL.	
	7	US-	6,769,945 B2	08-03-2004	YU-YANG CHANG ET. AL.	
	8	US-	2002/0094483	07-18-2002	TAKASHI HATTORI ET. AL.	
	9	US-	2005/0282094 A1	12-22-2005	YOUNG H. KIM ET. AL.	
	10	US-	2005/0227168 A1	10-13-2005	YOUNG H. KIM ET. AL.	•
	11	US-	2004/0170925 A1	09-02-2004	DAVID HERBERT ROACH ET. AL.	
	12	US-	2004/0140861	07-22-2004	Alvarez	
	13	US-	2002/106589 A1	08-08-2002	KEVIN RODNEY ET. AL.	
	14	US-	4,833,067	05-23-1989	TANAKA ET. AL.	
	15	US-	5,756,267	05-26-1998	MATSUDA ET. AL.	
	16	US-	2005/0058953 A1	03-17-2005	YUNG-BAE CHAI ET. AL.	
	17	US-	2004/0018453 A1	01-29-2004	EDGARDO ANZURES ET. AL.	
	18	US-	2002/0058207 A1	05-16-2002	TOSHIYUKI URANO ET. AL.	•
-V	19	US-	4,939,070	07-1990	BRUNSVOLD ET. AL.	
/AC	W80	US-	. 5,164,286	11-1992	BLAKENEY ET. AL.	•

		FOREIC	ON PATENT D	OCUMENTS		
Examiner Initials*	Cite	Foreign Patent Document	Publication Date Name of Patentee or		Pages, Columns, Lines, Where	
	No.1	CountryCode ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	T ₆
/ACW/	1	JP 2001/111,217	04-20-2001	Noritake		
7ACW	2	JP 2000/187,327	07-04-2000	Fuji Photo		
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Substitute for form 1449A/PTO Complete if Known 10/7,13,606 Application Number INFORMATION DISCLOSURE Filing Date November 14, 2003 STATEMENT BY APPLICANT First Named Inventor YOUNG H. KIM 1752 **Group Art Unit** (Use as many sheets as necessary) **Examiner Name** Walke Sheet of Attorney Docket Number **CL-2229 US NA**

			•	U.S. PAT	ENT DOCUMENTS	
Examiner Initials *			ocument Number - Kind Code ² (if known)	Publication Date . MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AC\	V/21	US-	6,060,213	05-09-2000	KUNIHIKO KODAMA	
1	22	US-	6,613,499 B2	09-02-2003	CHING-YU CHANG	
	23	US-	2003/0170559 A1	09-11-2003	KAZUYOSHI MIZUTANI ET. AL.	
	24	US-	2005/0112503 A1	05-26-2005	TAKASHI KANDA ET. AL.	
	25	us-	6,238,842 B1	05-29-2001	KENICHIRO SATO ET. AL.	
	26	บร-	6,558,871 B1	05-06-2003	EIJI TAKAHASHI ET. AL.	
	27	US-	5,506,090	04-09-1996	JAMES P. GARDNER ET. AL.	
	28	US-	5,910,392	06-08-1999	KOJI NOZAKI ET. AL.	•
	29	US-	6,107,360	08-22-2000	SHOICHI KANEKO ET. AL.	
	30	US-	7,125,648	10-24-2006	Nagase	
	31	US-	7,186,498	03-06-2007	Gries	
	32	US-	2006/0154158	07-13-2006	Washio	
	33	US-	2005/0130082	06-16-2005	Kanda	
	34	US-				
1/	35	US-	2002/074932 A1	06-20-2002	ROBERT J. BOUCHARD ET. AL.	
V	36	US-	2004/137364 A1	07-15-2004	YOUNG H. KIM	
/A(\$ V \$7	US-	6,798,127 B2	09-28-2004	DONGSHENG MAO ET. AL.	
		US-				•
		US-				
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		FOREIC	N PATENT D	OCUMENTS		
Examiner Initiats*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
	No.1	CountryCode ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	To
/ACW	10	WO 2005/116,761 A2	12-08-2005	DUPONT		
	1,1	EP 1,184,723 A2	03-06-2002	. FUJITSU LIMITED		
V	12	JP 2001/155,626	06-08-2001	Noritake		
/ACV	//13	JP 2000/108,259	04-18-2000	Nippon		

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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/AC	W/1	WUN-KU WANG ET. AL., ELECTRICAL CHARACTERIZATION OF POLYMER THICK FILM RESISTOR, THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1999, VOL. 3908:619-624	
/ACW	// 2	J.V. CRIVELLO, THE CHEMISTRY OF PHOTOACID GENERATING COMPOUNDS IN POLYMERIC MATERIALS SCIENCE AND ENGINEERING, AMERICAN CHEMICAL SOCIETY MEETING, 1989, VOL. 61:62-66	
/ACW/	3	T.A. PRESSLEY, METHOD DEVELOPMENT FOR SEMIVOLATILE ORGANICS IN MUNICIPAL SLUDGE, AMERICAN CHEMICAL SOCIETY MEETING, 1989, VOL.:62-68	
/ACW	/ 4	CHEN ET. AL., SOLUTION PROPERTIES OF SINGLE-WALLED CARBON NANOTUBES, SCIENCE, 1998, VOL. 282:95-98	
/ACW	5	ZHAOXIA ET. AL., NONLINER OPTICAL PROPERTIES OF SOME POLYMER/MULTI-WALLED CARBON NANOTUBE COMPOSITES, CHEMICAL PHYSICS LETTERS, 2000, VOL. 318:505-510	
/AC\	W 6	M. DRESSELHAUS ET. AL., PHYSICS WORLD-PHYSICS WEB, CARBON NANOTUBE, 1998, PAGES 1-10	
/ACW	/ 7	S.L. ROSEN, POLYMERS, THE KIRK-OTHMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, FOURTH EDITION, JOHN WILEY & SONS, PAGES 881-904, VOL. 19	
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Examiner /Amanda C. Walke/ Date Considered	06/10/2007

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